

# APPENDICE

No. I.

---

## RAPPORT

DE

MONSIEUR L'OFFICIER DE LA  
SANTÉ PUBLIQUE, 1937.

IX.--1938.



Digitized by the Internet Archive  
in 2019 with funding from  
Wellcome Library

<https://archive.org/details/b32188638>

# RAPPORT DE MONSIEUR L'OFFICIER DE LA SANTÉ PUBLIQUE, 1937.

---

States Office, Guernsey, 27th May, 1938.

SIR,

I have the honour to forward herewith the Annual Report of the Medical Officer of Health for the year 1937, with a request that it may be printed as an Appendix to a future Billet d'Etat, and that a number of copies, (say) 100, be struck off for distribution in the usual way.

I have the honour to be, Sir,

Your obedient Servant,

JOHN LEALE,  
President, Board of Health.

The Bailiff,  
Royal Court, Guernsey.

---

Health Office, Lukis House,  
St. Peter Port, Guernsey.

To the President and Members,  
The Board of Health,  
Guernsey.

GENTLEMEN,

I have the honour to present my third Annual Report on the Health and Sanitary conditions of the Island of Guernsey for the year 1937.

This year saw the opening of the Board's Venereal Disease Clinic, and in a report dated September 18th, 1937, I drew attention to the need for further action in respect of the Island's water supplies and sanitation.

The question of the prevention of Diphtheria by immunisation also arose.

I have the honour to be, Gentlemen,

Your obedient Servant,

ROWAN W. REVELL M.D.,  
Medical Officer of Health.

## GUERNSEY.

Guernsey, the most western of the Channel Islands, lies in the Bay of Avranches, 82 miles from Weymouth, the nearest port, 40 from Cherbourg, and 63 from St. Malo.

It is triangular in shape, with an area of 24.5 square miles and an acreage of 15,654. The soil, composed of disintegrated granite and schist, is very fertile. Enormous quantities of tomatoes and other fruit, vegetables and flowers are grown, chiefly under glass, for export.

This industry is the chief one, but in addition a quantity of granite for road-making is exported. The rearing, for sale in England and the United States, of the far-famed Guernsey cattle (including those from Alderney and Sark) is an important industry. These cattle are highly prized, not only for the richness of their milk, but above all for their freedom from Tuberculosis.

There are two harbours, situated at St. Peter Port and St. Sampson's, the two towns of the island.

The population at the census of 1911 was 41,854 ; in 1921 it was stated to be 37,914 with 1,098 visitors, and the figures for 1931 show a population of 40,588.

Guernsey is a health resort throughout the year, but particularly so in the summer and autumn months. Not only are its natural beauties so great, but its salubrious yet bracing climate is highly attractive. It is cooler in summer and warmer in winter than on the mainland.

Drainage is good and modern in the towns, and extensions to the country districts have been made. The water supply, now the property of the Government of the Island, is of exceptional purity and derived from deep wells, but additional sources of supply from streams have lately been obtained.

Guernsey, Alderney, Sark, Herm and Jethou, constitute a Bailiwick under a Lieutenant-Governor. The Bailiff is the chief Civil Official.

## GENERAL STATISTICS.

TABLE I.

Population (civilian) (estimated)	..	..	..	..	42,410
Density of Population per acre	..	..	..	..	2.7
Average number of inhabitants per house	..	..	..	..	4.02
Birth rate per 1,000	..	..	..	..	19.5
Death rate per 1,000 (crude)	..	..	..	..	13.6
"    "    "    "    " (adjusted)	..	..	..	..	9.5
Infantile death rate per 1,000 live births	..	..	..	..	53.2
Rainfall, (inches)	..	..	..	..	42.93
Average rainfall (95 years)	..	..	..	..	37.04
Mean Average Temperature	..	..	..	..	52.3
Mean Relative Humidity	..	..	..	..	84.0
Mean Daily Range	..	..	..	..	8.7
Sunshine (hours)	..	..	..	..	1721.1
Average Sunshine (44 years)	..	..	..	..	1882.3

TABLE II.

YEAR.	Estimated population to middle of each year.	BIRTHS		DEATHS			DEATHS under 1 year of age.	
		Number	Rate per 1,000.	Number	Crude Rate per 1,000.	Standardised Rate per 1,000.	Number.	Rate per 1,000 Births.
1926.....	38,650	787	20.3	549	14.2	11.2	81	102.9
1927.....	38,880	760	19.6	532	13.7	10.9	57	75.0
1928.....	39,000	813	20.8	485	12.4	9.9	48	59.0
1929.....	39,040	756	19.4	586	15.1	12.0	59	78.0
1930.....	40,215	757	18.8	486	12.1	9.6	50	66.0
1931.....	40,470	764	18.8	475	11.7	9.3	29	38.0
1932.....	40,640	762	18.7	470	11.5	9.1	47	62.0
1933.....	40,850	712	17.4	578	14.1	11.2	56	78.6
1934.....	40,900	751	18.3	528	12.9	9.0	38	50.6
1935.....	41,160	777	18.9	518	12.6	8.8	46	59.2
1936.....	41,960	708	16.9	545	12.9	9.0	42	59.3
1937.....	42,410	827	19.5	575	13.6	9.5	45	53.2

## POPULATION.

The civilian population at the middle of the year is estimated to have been 42,410.



## APPENDICE

## BIRTHS.

There were 827 births, 439 males and 388 females. There were 31 still births. Illegitimate births numbered 37, a rate of 4.4 per cent. per total live births.

## DEATHS.

There were 575 deaths, Males 287 and Females 288, a crude death rate of 13.6 per 1,000, and an adjusted death rate of 9.5 per 1,000.

These rates were slightly higher than those for the previous year.

Deaths in Public Institutions were as follows :—

Town Hospital	..	..	..	..	..	61
Town Mental Hospital	..	..	..	..	..	3
Country Hospital	..	..	..	..	..	66
Country Mental Hospital	..	..	..	..	..	5
Victoria Hospital	..	..	..	..	..	26
King Edward Sanatorium	..	..	..	..	..	4

TABLE III.

## PERCENTAGE OF DEATHS AT DIFFERENT AGE PERIODS.

		Under 1 year.	Years 1—5.	Years 5—15.	Years 15—25.	Under 25 years.	Years 25—65.	Over 65 years.
1900—1904	..	24.0	9.0	4.0	5.0	42.0	27.0	31.0
1905—1909	..	22.3	8.0	3.0	4.6	38.0	28.0	34.0
1910—1914	..	20.2	7.2	3.3	3.8	24.5	27.8	37.7
1915—1919	..	12.5	5.1	3.6	4.9	26.2	33.1	40.7
1920—1924	..	11.5	3.6	3.7	5.5	24.4	30.4	45.3
1925—1929	..	11.2	3.4	2.5	4.0	21.2	30.2	48.6
1930—1934	..	8.6	2.9	1.7	3.2	16.4	30.5	53.1
1935	..	8.8	2.5	2.3	2.2	15.8	33.0	51.2
1936	..	7.7	2.9	2.1	2.5	15.2	27.5	57.3
1937	..	7.8	1.9	1.4	1.7	12.8	31.5	55.7

## MATERNAL MORTALITY.

There were again only two deaths of mothers, one from obstructed labour and one from pulmonary embolism, giving a rate of 2.4 per 1,000 live births.

Under the Ordonnance ayant rapport aux Sages Femmes, medical assistance was sent for by midwives in 114 cases.

The expenditure was as follows :—

						£	s.	d.
Cost of advertisement forms, etc.	..	..	..	..	..	6	1	4
Fees to Medical Practitioners	..	..	..	..	..	176	6	0
Total Cost	..	..	..	..	..	182	7	4
Sum recovered from patients	..	..	..	..	..	41	18	3
Net Cost	..	..	..	..	..	£140	9	1

No disciplinary action was taken under this ordinance.

## INFANT MORTALITY.

There were 45 deaths of infants under one year of age, giving a rate of 54.4 per 1,000 live births as compared with a rate of 59.3 per 1,000 live births for 1936.

Excellent work is being done at the Infant Welfare and Ante-natal clinics in St. Peter Port and St. Sampson's, and I would congratulate the Country Nursing Association on the inauguration of Infant Welfare Clinics in the country.

There is, however, still a deficiency in the fact that those mothers who do not trouble to attend these clinics still continue to bring up their babies without the benefit of expert advice.

## CANCER.

The number of deaths from Cancer was 80, giving a rate of 1.9 per 1,000. This rate is higher than that of 1936, but lower than for 1935.

## MARRIAGES.

There were 404 marriages, a rate of 9.6 per 1,000. Of these 200 took place in a Church of England, 39 in Roman Catholic and 48 in Nonconformist Churches. There were 116 at the Greffe Office, and one at home.

## INFECTIOUS DISEASES.

Epidemics of Diphtheria and Scarlet Fever broke out in the Autumn, the latter having been preceded in the early summer by a small outbreak at a school.

These outbreaks were to be expected considering that these diseases had been practically absent from the Island for five years, and the number of cases very small for the last ten years.

Unless active measures of prevention by immunisation are taken there is a probability of epidemics of Diphtheria for some considerable time. The numbers of notifications of infectious disease are as follows:—

Diphtheria	..	..	..	..	..	62
Scarlet Fever	..	..	..	..	..	59
Erysipelas	..	..	..	..	..	1
Puerpural Sepsis	..	..	..	..	..	2
Paratyphoid	..	..	..	..	..	1

Non-notifiable infectious diseases such as Measles and Whooping Cough were not prevalent, and unusual to state, caused no deaths. Amongst notifiable infectious diseases, there was one death from Diphtheria, one from Encephalitis, and one from Tubercular Meningitis.

The following cases were admitted to King Edward Sanatorium and to two wards in the Country Hospital.

								Number.		Deaths.	
Diphtheria	..	..	..	..	..	..	..	62	..	1	
Scarlet Fever		..	..	..	..	..	..	47	..	—	
Pulmonary Tuberculosis		..	..	..	..	..	..	39	..	1	
Tubercular Meningitis		..	..	..	..	..	..	1	..	1	
Encephalitis		..	..	..	..	..	..	1	..	—	
Asthma	..	..	..	..	..	..	..	1	..	—	
Erysipelas	..	..	..	..	..	..	..	1	..	—	
Chicken Pox		..	..	..	..	..	..	2	..	—	
Measles	..	..	..	..	..	..	..	1	..	—	
Septic Throat		..	..	..	..	..	..	1	..	—	
Cerebral Haemorrhage		..	..	..	..	..	..	1	..	1	
Enteritis	..	..	..	..	..	..	..	1	..	—	
Paratyphoid (from Alderney)		..	..	..	..	..	..	1	..	—	
Influenza	..	..	..	..	..	..	..	1	..	—	

The number of cases was such that even when the accommodation of the Sanatorium had been extended to the maximum possible, additional wards had to be used at the Country Hospital.

I have to thank very sincerely the President and Members of the Country Hospital Board for so kindly making available these wards for the treatment of Diphtheria, and also the staff, who gave every assistance.

#### TUBERCULOSIS.

There were 33 deaths from Tuberculosis during the year ; Pulmonary, 31 ; other forms, 2, a rate of 0.78, 0.74 and 0.04 per 1,000 respectively. The number of deaths from Pulmonary Tuberculosis is larger than last year, but the non-pulmonary deaths are much less.

There were 48 notifications of Tuberculosis ; Pulmonary, 47 ; other forms, 1. The attendances at the Chest Clinic at Lukis House were as follows :—

37 cases diagnosed as Pulmonary Tuberculosis.

1 case „ „ Non-pulmonary Tuberculosis.

10 cases were found not to be Tubercular.

Attendances of old cases, 81.

Twelve X-rays were taken.

Twenty-nine cases were admitted to King Edward Sanatorium. This work was developing until the epidemic broke out, and then unfortunately no further treatment could be given to consumptives at King Edward Sanatorium.

#### HOUSING.

The Homes for Workers Committee have proceeded with housing schemes at Rue Flere, Mont Arrivé and Victoria Avenue.



The problem of housing the more poorly paid workers or people with large families is, however, still far from being solved.

The better housing of large families seems to me a matter of the greatest importance, as the children of these families form a considerable part of the child population, and to bring them up to be healthy citizens is very essential. Also, as a large part of the family income is required for food and clothes, I do not see how it is possible for them to pay an economic rent, and assistance in some form appears to be the only solution. The inspection of houses has been carried on under difficulties as the Sanitary Inspector has had to devote most of his time to work connected with the epidemics.

There is, in my opinion, ample work for two inspectors. It also seems that there should be power to order the demolition of houses which cannot be made fit for habitation; at present these houses remain derelict and to my knowledge give a very bad impression to people visiting the Island.

#### LABORATORY.

The total examinations were 475; Diphtheria, 286; Tuberculosis, 173; other examinations, 16.

#### CREMATION.

There were 25 bodies cremated, a record number.

#### THALASSOL.

There were 18,050 gallons supplied.

#### STATES WATER SUPPLY.

An extension of the mains has been made at Le Houmet, Vale.

#### VENEREAL DISEASES.

A clinic for the treatment of these diseases was opened by the Board on November 16th.

	SYPHILIS.		GONORRHOEA.	
	M.	F.	M.	F.
Number of new cases ..	3	—	7	3
(1) No. of attendances to see				
Medical Officer.. ..	12	—	25	4
(2) For irrigations, etc. ..	—	—	144	3

Bacterial examinations for Gonorrhoea, 157. Wasserman tests for Syphilis, 55. These figures are larger than I anticipated, and as the dangers of these diseases become more widely known I consider the number of cases will be such as to completely justify the Board in providing this clinic.



## APPENDICE

11

Brought forward	1 ..	2 ..	1 ..	1 ..	8 ..	78 ..	59 ..	150
-----------------	------	------	------	------	------	-------	-------	-----

No. 4.

Pernicious Anaemia	— ..	— ..	— ..	— ..	— ..	— ..	2 ..	2
Splenic Anaemia	.. —	.. —	.. —	.. —	.. —	.. —	1 ..	1
Leukaemia	.. ..	— ..	1 ..	— ..	— ..	— ..	2 ..	3

No. 5.

Alcoholism	.. ..	— ..	— ..	— ..	— ..	— ..	1 ..	1
------------	-------	------	------	------	------	------	------	---

No. 6.

Cerebral Haemorrhage	.. ..	— ..	— ..	— ..	— ..	— ..	4 ..	8 ..	12
Cerebral Softening	— ..	— ..	— ..	— ..	— ..	— ..	1 ..	1 ..	2
Cerebral thrombosis	— ..	— ..	— ..	— ..	— ..	— ..	2 ..	5 ..	7
Cerebral embolism	— ..	— ..	— ..	— ..	— ..	— ..	1 ..	— ..	1
Cerebral abscess	.. —	.. —	.. —	.. —	.. —	.. —	1 ..	— ..	1
Apoplexy	.. ..	— ..	— ..	— ..	— ..	— ..	1 ..	— ..	1
Bulbar paralysis	.. —	.. —	.. —	.. —	.. —	.. —	1 ..	— ..	1
Dementia	.. ..	— ..	— ..	— ..	— ..	— ..	— ..	1 ..	1
Hemiplegia	.. —	.. —	.. —	.. —	.. —	.. —	— ..	5 ..	5
Epilepsy	.. ..	— ..	— ..	— ..	— ..	1 ..	1 ..	— ..	2
Paralysis Agitans	.. —	.. —	.. —	.. —	.. —	.. —	— ..	2 ..	2
General paralysis	.. —	.. —	.. —	.. —	.. —	.. —	1 ..	— ..	1

No. 7.

Heart Disease :—

Chronic Endocard-

itis	.. ..	— ..	— ..	— ..	— ..	— ..	— ..	5 ..	5
------	-------	------	------	------	------	------	------	------	---

(1) Aortic Valvular

Disease	.. ..	— ..	— ..	— ..	— ..	— ..	— ..	1 ..	1
---------	-------	------	------	------	------	------	------	------	---

(2) Mitral Valvular

Disease	.. ..	— ..	— ..	— ..	— ..	— ..	1 ..	6 ..	7
---------	-------	------	------	------	------	------	------	------	---

(3) Endocarditis not

returned as acute

or chronic	.. —	.. —	.. —	.. —	.. —	.. —	— ..	5 ..	5
------------	------	------	------	------	------	------	------	------	---

Diseases of the Myo-

cardium :—

Myocardial degenera-

tion	.. ..	— ..	— ..	— ..	— ..	— ..	— ..	2 ..	9 ..	11
------	-------	------	------	------	------	------	------	------	------	----

Carried Forward

1 ..	3 ..	1 ..	1 ..	9 ..	97 ..	110 ..	222
------	------	------	------	------	-------	--------	-----

Brought forward	1	..	3	..	1	..	1	..	9	..	97	..	110	..	222
Myocarditis not re- turned as acute or chronic	..	..	—	..	—	..	—	..	—	..	2	..	12	..	14
Diseases of Coronary arteries	..	..	—	..	—	..	—	..	—	..	4	..	7	..	11
Other diseases of Heart :—															
(1) Disordered action	—	..	—	..	—	..	—	..	—	..	—	..	2	..	2
(2) Heart Disease (undefined)	..	2	..	—	..	—	..	1	..	—	..	9	..	23	35
Arterio-Sclerosis	..	—	..	—	..	—	..	—	..	—	..	5	..	13	18
Aneurism	..	..	—	..	—	..	—	..	—	..	1	..	1	..	2
Other arterial disease	—	..	—	..	—	..	—	..	—	..	1	..	1	..	2

## No. 8.

Acute Laryngitis .. 1 .. — .. — .. — .. — ..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1
Acute Bronchitis .. 3 .. — .. — .. — .. — ..	1	..	3	..	7										
Chronic Bronchitis — .. — .. — .. — .. — ..	2	..	13	..	15										
Bronchitis .. .. 1 .. — .. — .. — .. — ..	—	..	6	..	7										
Broncho Pneumonia 2 .. — .. 2 .. — .. — ..	5	..	7	..	16										
Lobar Pneumonia .. — .. — .. — .. 1 .. — ..	14	..	1	..	16										
Pneumonia .. .. 2 .. — .. 1 .. 1 .. — ..	9	..	2	..	15										
Empyemia .. — .. — .. — .. — .. — ..	1	..	—	..	1										
Pulmonary Embol- ism .. .. — .. — .. — .. — .. — ..	1	..	—	..	1										
Hypostatic Conges- tion .. .. — .. — .. — .. — .. — ..	—	..	1	..	1										
Asthma .. .. — .. — .. — .. — .. — ..	1	..	4	..	5										
Oedema of lungs .. — .. — .. — .. — .. — ..	—	..	2	..	2										
Bronchiectasis .. — .. — .. — .. — .. — ..	—	..	1	..	1										

## No. 9.

Pharyngitis .. — .. — .. — .. — .. — ..	1	..	—	..	1										
Ulcer of Stomach .. — .. — .. — .. — .. — ..	2	..	—	..	2										
Ulcer of duodenum — .. — .. — .. — .. — ..	1	..	—	..	1										
Gastro-enteritis .. 3 .. — .. 2 .. — .. — ..	—	..	—	..	5										
Appendicitis .. — .. — .. — .. — .. — ..	—	..	1	..	1										
Intussusception .. 1 .. — .. — .. — .. — ..	—	..	—	..	1										
Intestinal obstruc- tion .. .. — .. — .. — .. — .. — ..	—	..	2	..	2										

---

Carried forward .. 16 .. 3 .. 6 .. 4 .. 9 .. 157 .. 212 .. 407



## APPENDICE

13

Brought forward	16	..	3	..	6	..	4	..	9	..	157	..	212	..	407
Peritonitis ..	..	—	..	—	..	—	..	—	..	—	1	..	—	..	1
Cirrhosis of liver	..	—	..	—	..	—	..	—	..	—	2	..	—	..	2
Rupture of Liver	..	1	..	—	..	—	..	—	..	—	—	..	—	..	1
Cholecystitis	..	—	..	—	..	—	..	—	..	—	1	..	1	..	2
Pancratitis ..	..	—	..	—	..	—	..	—	..	—	1	..	—	..	1
No. 10.															
Acute Nephritis	..	—	..	—	..	—	..	—	..	—	2	..	—	..	2
Chronic Nephritis	—	..	—	..	—	..	—	..	1	..	3	..	5	..	9
Nephritis ..	..	—	..	—	..	—	..	—	..	—	—	..	6	..	6
Pyonephritis	..	—	..	—	..	—	..	—	..	—	1	..	—	..	1
Vesical calculus	..	—	..	—	..	—	..	—	..	—	—	..	1	..	1
Enlarged prostate	—	..	—	..	—	..	—	..	—	..	—	..	1	..	1
No. 11.															
Obstructed labour	—	..	—	..	—	..	—	..	—	..	1	..	—	..	1
Pulmonary Embolism ..	..	—	..	—	..	—	..	—	..	—	1	..	—	..	1
No. 14.															
Congenital Heart Disease ..	..	4	..	—	..	1	..	—	..	—	—	..	—	..	5
Congenital malformation of abdomen..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	1
Congenital Pyloric Stenosis ..	..	1	..	—	..	—	..	—	..	—	—	..	—	..	1
No. 15.															
Premature Births	12	..	—	..	—	..	—	..	—	..	—	..	—	..	12
Marasmus ..	5	..	—	..	—	..	—	..	—	..	—	..	—	..	5
Icterus Neonatorum	1	..	—	..	—	..	—	..	—	..	—	..	—	..	1
Melaena Neonatorum	2	..	—	..	—	..	—	..	—	..	—	..	—	..	2
Infantile convulsions	1	..	—	..	—	..	—	..	—	..	—	..	—	..	1
No. 16.															
Senility ..	..	—	..	—	..	—	..	—	..	—	—	..	89	..	89
No. 17.															
Suicide ..	..	—	..	—	..	—	..	—	..	—	—	..	4	..	4
Accidental death	..	1	..	—	..	1	..	3	..	—	7	..	5	..	17
Murder ..	..	—	..	—	..	—	..	1	..	—	—	..	—	..	1
<hr/>															
	45	..	3	..	8	..	8	..	10	..	181	..	320	..	575

RETURN OF BIRTHS AND DEATHS REGISTERED DURING 1937.  
BIRTHS.

PARISH LETTER :	St. P.-Port. <i>A</i>	St. Sampson <i>B</i>	Vale. <i>C</i>	Castel. <i>D</i>	St. Saviour. <i>E</i>	St. Pierre-du-Bois. <i>F</i>	Torteval. <i>G</i>	Forest. <i>H</i>	St. Martin. <i>I</i>	St. Andrew. <i>K</i>	<i>Total</i>
Males .. ..	226	60	35	35	11	14	1	8	42	7	439
Females .. ..	208	34	48	34	10	11	1	2	30	10	388
<i>Totals</i> .. ..	434	94	83	69	21	25	2	10	72	17	827
Deaths under 1 year—											
Still Births—											
Male .. ..	12	2	—	3	1	—	—	—	1	—	19
Female .. ..	6	1	—	3	—	1	—	—	1	—	12
<i>Total</i> .. ..	18	3	—	6	1	1	—	—	2	—	31
Illegitimate—	18	2	5	7	—	—	—	—	3	2	37

## DEATHS.

PARISH LETTER :	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>	<i>I</i>	<i>K</i>	<i>Total</i>
No. 1. <i>Epidemic, Endemic, and Infectious Diseases—</i>											
Diphtheria .. ..	—	—	—	1	—	—	—	—	—	—	1
Influenza .. ..	9	3	2	2	—	—	—	—	—	1	17
Tetanus .. ..	—	—	—	1	—	—	—	—	—	—	1
<i>Tuberculosis—</i>											
(1) Respiratory .. ..	8	3	1	10	1	2	—	1	5	—	31
(2) Central Nervous System .. ..	—	—	—	1	—	—	—	—	—	—	1
(3) Disseminated .. ..	1	—	—	—	—	—	—	—	—	—	1
Septicaemia .. ..	4	—	—	1	—	—	—	—	—	—	5
No. 2											
Buccal cavity .. ..	1	—	—	—	—	—	—	—	1	—	2
Respiratory .. ..	3	1	—	2	—	—	—	—	1	—	7
Central Nervous System .. ..	2	—	—	—	—	—	—	—	—	—	2
Digestive System .. ..	18	6	9	3	1	2	—	1	5	2	47
Male Genito-urinary .. ..	2	—	—	—	1	—	—	—	1	—	4
Uterus .. ..	7	1	—	1	—	—	—	—	3	—	12
Breast .. ..	1	—	—	—	—	—	—	—	—	—	1
Other female genital organs .. ..	—	—	—	—	—	—	—	—	1	—	1
Unspecified .. ..	—	—	1	2	—	—	—	—	—	—	3
Non-malignant .. ..	—	—	—	—	—	—	—	—	—	—	—
Other Sites .. ..	—	—	—	1	—	—	—	—	—	—	1
Carried forward .. ..	56	14	13	25	3	4	—	2	17	3	137

## APPENDICE

15

Brought forward....	56	..14	..13	..	25	..	3	..	4	..	—	..	2	..	17	..	3	..	137
No. 3.																			
Rheumatic Fever	..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	1
Rheumatoid Arthritis	..	—	..	2	..	—	..	—	..	—	..	—	..	—	..	—	..	—	2
Diabetes Mellitus	..	4	..	1	..	1	..	3	..	—	..	—	..	—	..	—	..	—	9
Exophthalmic Goitre	..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	1
No. 4.																			
Pernicious Anaemia	..	1	..	—	..	—	..	—	..	1	..	—	..	—	..	—	..	—	2
Splenic Anaemia	..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	1
Leukaemia	..	3	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	3
No. 5.																			
Alcoholism	..	—	..	—	..	—	..	1	..	—	..	—	..	—	..	—	..	—	1
No. 5.																			
Cerebral Haemorrhage	..	5	..	—	..	—	..	5	..	—	..	—	..	—	..	1	..	1	12
„ Softening	..	2	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	2
„ Thrombosis	..	5	..	—	..	—	..	—	..	1	..	1	..	—	..	—	..	—	7
„ Embolism	..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	1
„ Abscess	..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	1
Apoplexy	..	—	..	—	..	—	..	—	..	—	..	—	..	1	..	—	..	—	1
Bulbar paralysis	..	—	..	—	..	—	..	1	..	—	..	—	..	—	..	—	..	—	1
Dementia	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1	..	—	1
Hemiplegia	..	2	..	—	..	2	..	—	..	—	..	—	..	—	..	1	..	—	5
Epilepsy	..	2	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	2
Paralysis Agitans	..	—	..	2	..	—	..	—	..	—	..	—	..	—	..	—	..	—	2
General Paralysis	..	—	..	—	..	—	..	1	..	—	..	—	..	—	..	—	..	—	1
No. 7.																			
<i>Heart Disease—</i>																			
Chronic endocarditis	..	2	..	1	..	—	..	—	..	—	..	1	..	—	..	1	..	—	5
Aortic Valvular Disease	..	—	..	—	..	—	..	1	..	—	..	—	..	—	..	—	..	—	1
Mitral „ „	..	3	..	—	..	2	..	1	..	—	..	1	..	—	..	—	..	—	7
Endocarditis, not returned as acute or chronic	..	1	..	—	..	—	..	1	..	—	..	—	..	—	..	3	..	—	5
<i>Diseases of Myocardium—</i>																			
Myocardial degeneration	..	6	..	1	..	2	..	1	..	—	..	—	..	1	..	—	..	—	11
Myocarditis not returned as acute or chronic	..	9	..	—	..	—	..	1	..	1	..	—	..	—	..	2	..	1	14
Carried Forward		106	..21	..20	..	41	..	5	..	6	..	2	..	4	..26	..	5	..	236

Brought Forward	106	..21	..20	..	41	..	5	..	6	..	2	..	4	..26	..	5	..	236
-----------------	-----	------	------	----	----	----	---	----	---	----	---	----	---	------	----	---	----	-----

*Other Diseases of Heart—*

Disordered Action ..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1	..	1	..	2
Heart Disease Undefined	8	..	8	..	8	..	6	..	1	..	—	..	—	..	1	..	1	..	35
Diseases of Coronary Arteries .. ..	5	..	1	..	—	..	3	..	—	..	—	..	—	..	1	..	—	..	11
Arterio-sclerosis .. ..	7	..	—	..	—	..	3	..	1	..	—	..	1	..	—	..	6	..	18
Aneurism .. ..	—	..	—	..	—	..	1	..	—	..	—	..	—	..	—	..	1	..	2
Other Arterial Diseases..	—	..	—	..	—	..	1	..	—	..	—	..	1	..	—	..	—	..	2

## No. 8.

Acute Laryngitis ..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1	..	—	..	1
Acute Bronchitis ..	3	..	—	..	1	..	—	..	1	..	1	..	—	..	—	..	1	..	7
Chronic Bronchitis ..	7	..	1	..	2	..	3	..	—	..	1	..	—	..	—	..	1	..	15
Bronchitis... ..	3	..	2	..	—	..	—	..	—	..	1	..	—	..	—	..	—	..	7
Broncho-pneumonia ..	6	..	2	..	3	..	3	..	—	..	—	..	—	..	—	..	—	..	16
Lobar pneumonia ..	5	..	2	..	—	..	8	..	—	..	—	..	—	..	—	..	—	..	16
Pneumonia .. ..	8	..	2	..	1	..	1	..	—	..	—	..	—	..	1	..	2	..	15
Empyema .. ..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1
Pulmonary Embolism ..	—	..	—	..	—	..	1	..	—	..	—	..	—	..	—	..	—	..	1
Hypostatic congestion ..	—	..	—	..	—	..	1	..	—	..	—	..	—	..	—	..	—	..	1
Bronchiectasis .. ..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1
Asthma .. ..	1	..	1	..	2	..	—	..	—	..	—	..	—	..	—	..	1	..	5
Oedema of Lungs ..	—	..	—	..	1	..	1	..	—	..	—	..	—	..	—	..	—	..	2

## No. 9

Pharyngitis .. ..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1
Ulcer of Stomach ..	2	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	2
Ulcer of Duodenum ..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1
Gastro-enteritis ..	4	..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	5
Appendicitis .. ..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1	..	1
Intussusception .. ..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1	..	1
Intestinal Obstruction ..	2	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	2
Peritonitis .. ..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1
Cirrhosis of Liver ..	2	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	2
Rupture of Liver ..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1
Cholecystitis .. ..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	2	..	2
Pancreatitis .. ..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1

Carried forward ..	176	..41	..38	..	73	..	8	..	9	..	4	..	8	..44	..13	..	414
--------------------	-----	------	------	----	----	----	---	----	---	----	---	----	---	------	------	----	-----



## APPENDICE.

17

Brought forward	..	176	..41	..38	..	73	..	8	..	9	..	4	..	8	..44	..13	..	414
No. 10																		
Acute Nephritis	..	1	..	—	..	—	..	1	..	—	..	—	..	—	..	—	..	2
Chronic Nephritis	..	4	..	1	..	1	..	2	..	—	..	1	..	—	..	—	..	9
Nephritis	..	2	..	1	..	1	..	—	..	—	..	—	..	—	..	1	..	6
Pyonephritis	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1	..	1
Vesical Calculus	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1	..	1
Enlarged Prostate	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1	..	1
No. 11.																		
Obstructed Labour	..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1
Pulmonary Embolism	..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1
No. 14.																		
Congenital Heart Disease		2	..	1	..	1	..	—	..	—	..	—	..	—	..	—	..	5
„ Pyloric Stenosis		—	..	—	..	—	..	1	..	—	..	—	..	—	..	—	..	1
„ malformation of abdomen	..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1
No. 15.																		
Premature Birth	..	8	..	—	..	1	..	—	..	—	..	—	..	1	..	—	..	12
Marasmus	..	1	..	—	..	—	..	4	..	—	..	—	..	—	..	—	..	5
Melaena Neonatorum	..	1	..	—	..	1	..	—	..	—	..	—	..	—	..	—	..	2
Icterus Neonatorum	..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1
Infantile Convulsions	..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1
No. 17.																		
Senility	..	39	..	7	..	8	..	19	..	8	..	1	..	—	..	1	..	89
No. 18.																		
Suicide	..	2	..	—	..	—	..	1	..	—	..	—	..	—	..	1	..	4
Accidental Death	..	13	..	1	..	—	..	—	..	2	..	—	..	—	..	1	..	17
Murder	..	1	..	—	..	—	..	—	..	—	..	—	..	—	..	—	..	1
<hr/>																		
		255	..52	..51	..	101	..	18	..	11	..	4	..	10	..53	..20	..	575
<hr/>																		

## Rapport de l'Inspecteur de Sanitation.

Lukis House, Grange, Guernsey, 1938.

The Medical Officer of Health.

SIR,

I beg to forward you my annual report for the year 1937.

## INSPECTIONS.

Total number of routine inspections of dwelling-houses..	..	..	..	160
Inspections of dwelling-houses reported as unsanitary ..	..	..	..	40
Inspections in connection with infectious diseases..	..	..	..	141
Inspections in response to requests for advice ..	..	..	..	20
Inspections of Farms ..	..	..	..	90
„ „ Dairies ..	..	..	..	14
„ „ Public Houses ..	..	..	..	24
„ „ Bake Houses ..	..	..	..	27
„ „ Tea Rooms ..	..	..	..	17
„ „ Ice Cream Vendor Premises ..	..	..	..	14
„ „ Refuse Dumps ..	..	..	..	43
				590

## NOTICES SERVED.

St. Peter Port ..	..	..	..	..	..	..	..	..	58
St. Sampson's ..	..	..	..	..	..	..	..	..	11
Vale ..	..	..	..	..	..	..	..	..	27
Castel ..	..	..	..	..	..	..	..	..	12
St. Saviour's ..	..	..	..	..	..	..	..	..	3
St. Peter's-in-the-Wood ..	..	..	..	..	..	..	..	..	4
Torteval ..	..	..	..	..	..	..	..	..	1
Forest ..	..	..	..	..	..	..	..	..	2
St. Martin's ..	..	..	..	..	..	..	..	..	18
St. Andrew's ..	..	..	..	..	..	..	..	..	9
									145

## SANITARY DEFECTS, REMEDIES AND WORK CARRIED OUT.

Open pits converted to sealed	..	..	..	..	..	..	5
New cess-pits constructed	..	..	..	..	..	..	17
Obsolete closets replaced by modern, including flush cisterns	..	..					49
New W.C.'s built	..	..	..	..	..	..	8
Interceptors inserted	..	..	..	..	..	..	7
Drains tested	..	..	..	..	..	..	3
Vent pipes provided and/or renewed	..	..	..	..	..	..	10
Rain-water pipes and gutters renewed and/or provided	..	..	..	..	..	..	17
General repairs to houses	..	..	..	..	..	..	62
Defective drains repaired	..	..	..	..	..	..	6
Gullies repaired or provided	..	..	..	..	..	..	2
Earth buckets provided and/or renewed	..	..	..	..	..	..	5
Slop sinks provided	..	..	..	..	..	..	4
Yards re-paved or concreted	..	..	..	..	..	..	4
Thatched roofs repaired	..	..	..	..	..	..	1
Connections to main sewer	..	..	..	..	..	..	5
Chemical closets fixed	..	..	..	..	..	..	2
Houses closed permanently	..	..	..	..	..	..	5
Houses closed temporarily	..	..	..	..	..	..	7

## FARMS AND PIGGERIES.

Cowsheds cleaned and limewashed	..	..	..	..	..	90
Farmers warned for unsatisfactory cleansing	..	..	..	..	..	37
New windows to cowshed	..	..	..	..	..	1
New pits constructed to Piggery	..	..	..	..	..	1
„ „ „ to cow stable	..	..	..	..	..	1
General nuisances abated, viz., Rubbish heaps removed, and overflowing of pits stopped	..	..	..	..	..	9

## MILK AND FOOD ANALYSIS.

Fifty milk samples were taken and submitted for analysis. These gave an average of 4.32% butter fat and 8.7% solids, not fat. Thirty-eight samples gave between 4 and 6.95% fat, twelve samples gave between 3.2 and 3.9% fat. No sample submitted gave below 3.2% fat. There were no prosecutions.

The figures indicated by the average are very satisfactory, as all the samples taken are morning milk.

The following articles of food were purchased and submitted for analysis ; all proved satisfactory.

## APPENDICE

Pearl Barley	..	..	..	..	..	1
English Dairy Butter	..	..	..	..	..	1
Imported Dairy Butter	..	..	..	..	..	1
Granulated sugar	..	..	..	..	..	1
Chicken and Ham Paste..	..	..	..	..	..	1
Lobster Paste	..	..	..	..	..	1
Cocoa	..	..	..	..	..	1
Malt Vinegar	..	..	..	..	..	1
Water Cress	..	..	..	..	..	1

The following goods were inspected, condemned as unfit for human consumption and destroyed :—

Canned Ham	..	..	..	..	582 lbs.
Canned Veal	..	..	..	..	48 lbs.
Corned Beef	..	..	..	..	12 lbs.
Continental bacon (collar)	..	..	..	..	110 lbs.
Wood Pigeons	..	..	..	..	60 lbs.
Tinned Milk	..	..	..	..	4 tins.

## WATER SUPPLY.

Seventy samples of water were taken during the year for chemical and bacteriological examination. Nineteen samples were bacteriologically examined locally.

Number of wells closed	..	..	..	..	4
Company's water laid on	..	..	..	..	19

## DISINFECTION.

Rooms were disinfected in one hundred and forty-one houses in connection with notifiable infectious diseases. Wards, bedding, also disinfected from the Victoria Hospital, Town and Castel Hospitals, and the Lady Ozanne Maternity Home. Disinfections for special cases were undertaken at several schools.

Two thousand three hundred and forty-one articles (excluding the King Edward Sanatorium) were steam disinfected and no complaints were received.

I am, Sir,

Your obedient Servant,

GEORGE AUSTIN,  
States Sanitary Inspector.